

**Title: Mooring measurement of sea-ice thickness
in the Chukchi Sea coastal polynya**

Field leader: Yasushi Fukamachi

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Programme: GRENE Arctic Climate Change Research Project

Principal Investigator: Kay I. Ohshima

Proj. Period: 2011-16

Institution: Institute of Low Temperature Science, Hokkaido University

Co-research Institution & Scientist (out of JPN):

University of Alaska Fairbanks, Hajo Eicken

Field activity planned for 2013

Invest. Area: Chukchi Sea Polynya

Latitude and longitude: (71.204N, 157.685W) (71.328N, 156.874W) (71.380N, 157.059W)

Field Period: August 2013 - August 2014 or 2015

Logistics: Mooring measurement

Description:

[purpose] To obtain time-series data of sea-ice thickness and estimate sea-ice production in the Chukchi Sea coastal polynya

[outline] Mooring measurement

Participants: Kay I. Ohshima, Yasushi Fukamachi, Toru Takatsuka (Institute of Low Temperature Science, Hokkaido University), Daisuke Simizu (NIPR), Hajo Eicken, Andy Mahoney (University of Alaska Fairbanks)

Field activity of previous year

Invest. Area: Chukchi Sea Polynya

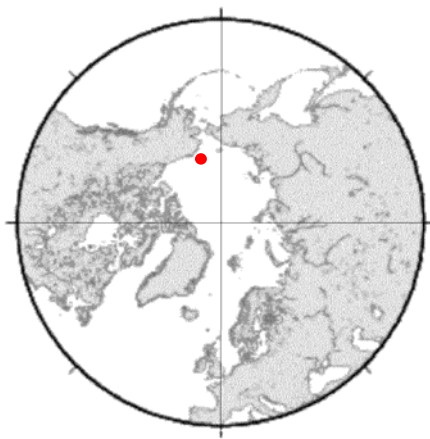
Field Period: July - August 2010

Logistics: Mooring measurement

Description: Recovery and re-deployment of moorings with ice-profiling sonar and acoustic Doppler profiler to obtain the time-series data for another year

Number of participants: 6

Area:



Note: